

Lower Charlotte Harbor (LCH) Surface Water Improvement and Management (SWIM) Plan

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&

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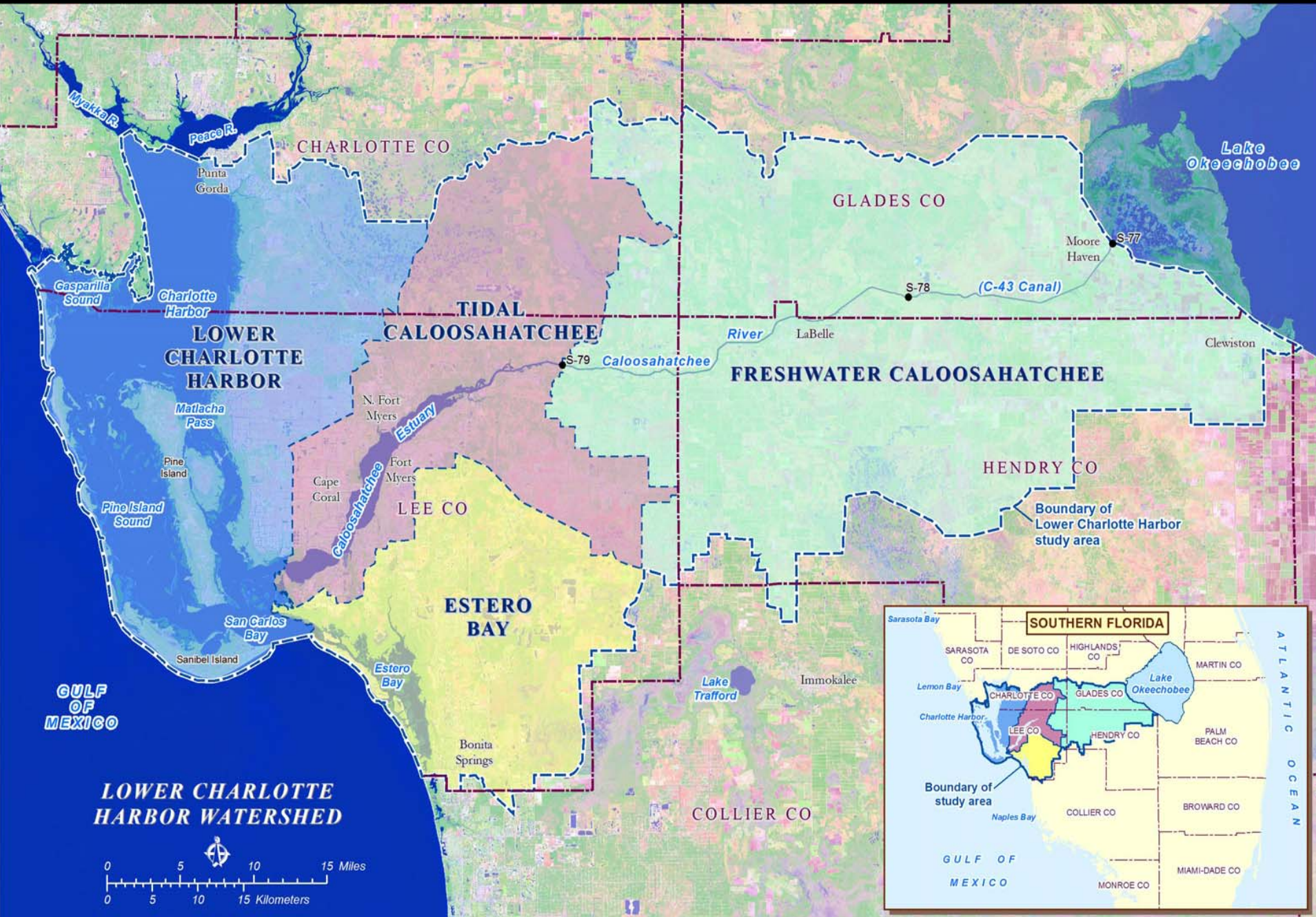
LCH SWIM Plan



- 2003, SFWMD Governing Board authorized
- 2004 LCH Reconnaissance Report was authorized and completed in May 2006

<https://my.sfwmd.gov/watershed>

SOUTH FLORIDA WATER MANAGEMENT DISTRICT



LCH SWIM Plan Organization: Watershed Approach



- **Goals** – broad - identify objectives of SFWMD
- **Initiatives** – general - divide the Plan into distinct subject areas
- **Strategies** – detailed - descriptions of the work to be accomplished with approaches and methods
- **Action Steps** – specific - activities needed to reach project delivery with schedule and \$\$

LCH SWIM Goals



- Protect and improve surface water quality
- Preserve and restore native ecosystems where appropriate
- Maintain integrity and functions of water resources and related natural systems
- Improve degraded water resources and related natural systems to a more natural functionality

LCH SWIM Initiatives

1. Water Quality
2. Stormwater Quantity
3. Watershed Master Planning and Implementation
4. Habitat Assessment, Protection and Restoration
5. Outreach
6. Funding





1. Strategies for Water Quality Initiative

- Utilize the Existing Water Quality Monitoring Network to Assess the Origin and Fate of Pollutants
- Hydrologic and Hydrodynamic Water Quality Modeling using existing models
- Enhancement and Maintenance of Surface Waters

2. Strategies for Stormwater Quantity Initiative



- Improve the Timing and Volume of Freshwater Flows into Lower Charlotte Harbor
- Regulatory Assessment

3. Strategies for Watershed Master Planning and Implementation

- **Evaluate Existing Stormwater Master Plans**
- **Assist in the Development of Local Stormwater Master Plans and Implementation Schedules**
- **Partner with Local Governments to Implement Stormwater Master Plans**

4. Strategies for Habitat Assessment, Protection and Restoration

- **Habitat Mapping and Resource Assessment**
- **Habitat Enhancement and Restoration**

5. Strategies for Outreach



- Public Education and Outreach
- Regulatory (TMDL/NPDES) Outreach

6. Strategies for Funding

■ Funding Initiative



LCH SWIM Action Steps



- 75± capital improvement projects from local governments listed
- Estimated schedule and funding for each strategy provided. These will result in additional action steps

Implementation

- This is the beginning of an ongoing effort
- The Plan is meant to be updated periodically and include findings from:
 - the Southwest Florida Feasibility Study and
 - as Total Maximum Daily Load allocations are developed by FDEP
- Substantial overlap with Caloosahatchee Watershed Planning resulting from Northern Everglades legislation

LCH SWIM Plan Adoption Schedule

- **October 24, 2007 - Local Workshop**
- **November 5, 2007- Local Public Hearing**
- **November 8, 2007 - Brief WRAC members**
- **December 2007- SFWMD Governing Board Approval to send to FDEP and local governmental agencies**
- **February 2008 – SFWMD Governing Board Adoption**

Questions?